XYLOC®

Ensure Technologies™

Solutions Overview

Full-Time Workstation Security. Maximum User Convenience.

Protection of information assets continues to be a critical daily concern for organizations around the world. And while much media attention is routinely given to the threats that originate from outside the organization, most data breaches and damage to IT assets occur as a result of inappropriate internal access to poorly secured PCs.

Ensure Technologies™ combats internal PC security exposures with its industry-proven XyLoc® product family. XyLoc utilizes patented technology to provide the only radio frequency-based (RFID), active proximity 'walk-away' security products that automatically protect PCs when their users step away from them. No more need for users to remember to secure sensitive workstations before temporarily leaving them. And no more periods of vulnerability as a result of timeout-based security settings. XyLoc takes the burden of security compliance off the user and brings a level of personalization and convenience never before possible. XyLoc is the only security solution that continues to actively protect the computer – and therefore the organization's entire network – after a user has logged on.

With over 200,000 users deployed worldwide today, XyLoc from Ensure Technologies is a proven solution – for hospitals and other healthcare providers, legal and financial institutions, government agencies, and any organization where internal security threats to computers are a serious concern.

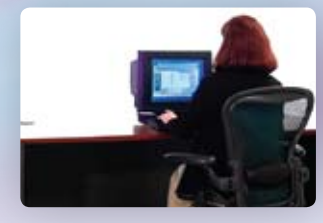
How XyLoc Works

XyLoc protects workstations at a point when they are most vulnerable – after an authorized user logs on, and then steps away from the machine.

XyLoc consists of a radio transceiver 'Lock' that plugs into the protected computer via USB, a wireless radio transceiver 'Key' (badge) worn by the user, and client/server software components. XyLoc provides full-time access control by assessing a user's proximity and automatically locking the computer screen and keyboard when the user leaves the workstation. XyLoc knows when users are approaching and leaving a protected computer, and includes intelligence to handle busy multi-user environments.

XyLoc is highly configurable at user, workstation, and group levels. It can allow completely 'hands-free' unlocking of a PC when a user returns within a configured grace period, and also supports a variety of two-factor authentication schemes. XyLoc simultaneously improves workstation security, compliance with security procedures, and end-user productivity.

XyLoc in Action



As the user works, the XyLoc Lock continuously monitors for the presence or absence of her Key's encoded ID, transmitted via RF signal.

As she moves away, XyLoc locks the workstation once the received signal strength drops below a preset threshold.

As she reapproaches the workstation, XyLoc senses her Key's signal and unlocks the workstation, either hands-free or with additional user authentication.

The user is back to work in seconds, rather than minutes for traditional manual log-off/log-on procedures.

The XyLoc Advantage

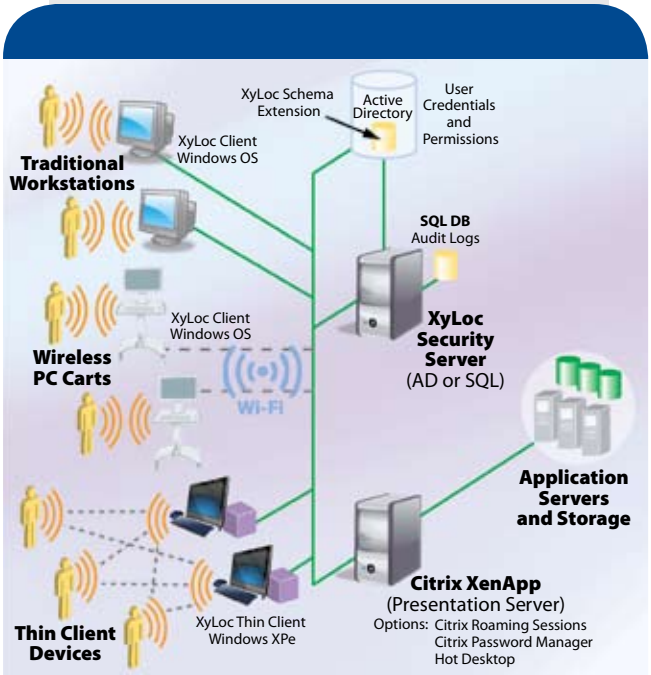
Greatly Improved Security– XyLoc's full-time, walk-away security features significantly reduce an organization's risk profile by protecting workstations when logged-on users step away from their machines. XyLoc is the only technology that provides an active-RF, proximity-aware solution to this problem.

Simplified User Compliance– By eliminating the need for manual log-off procedures, XyLoc effectively addresses one of the major problems of security policy enforcement: ensuring consistent end-user compliance.

Improved User Convenience and Productivity– XyLoc saves time for end-users when they leave their workstations, when they return, and as they roam between XyLoc-protected stations. No more time lost for repetitive log-off / log-on actions, and fewer calls to the Help Desk for password support.

Flexibility– XyLoc's adaptability and configuration options allow organizations to deploy the combination of security, convenience, and overall cost structure that best fits their needs. XyLoc utilizes an open architecture and is completely compatible with biometrics and passive proximity devices.

Diverse Partner Solutions– From computer keyboards with the XyLoc lock embedded, to industry-specific solutions such as electronic medical and health records (EMR/EHR) software platforms, Ensure Technologies and its vendor partners work closely together to expand the XyLoc-enabled solution set.



XyLoc with Multiple Workstation Devices

XyLoc easily supports mixed-client environments that incorporate traditional PCs and laptops, industry-specific workstations, and thin client devices. XyLoc's walk-away security is an ideal complement to the multi-user, multi-workstation 'roaming' solutions often found in these scenarios.

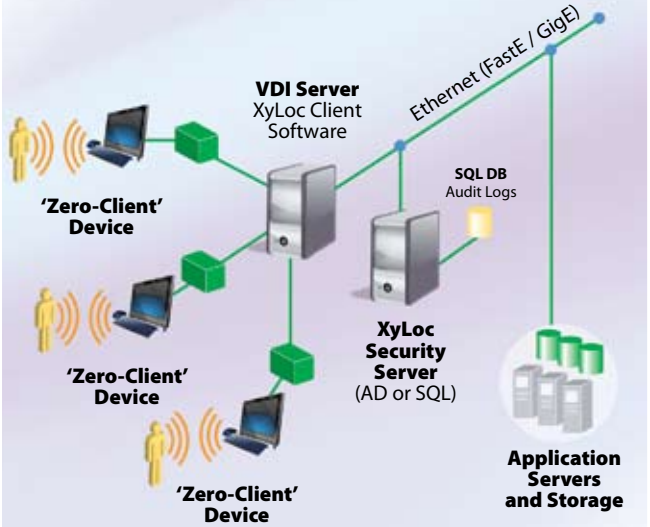
XyLoc Configurations - Combining Flexibility and Scalability

XyLoc offers tremendous deployment flexibility and configuration options, supporting everything from a one-person company to very large organizations with tens of thousands of users and sophisticated authentication procedures.

XyLoc Solo is a complete security solution for stand-alone computers or small workgroups that do not need centralized management. It is easy to install, convenient to use, and affordable. It also supports two-factor authentication, including passwords and biometrics.

XyLoc Solo can work with several users with different access privileges across a number of computers. For example, a manager can have access to every computer in a workgroup, while team members can access only their own machines. XyLoc knows which users are approaching and what their specific access privileges are. XyLoc Solo also keeps an event log and audit trail on each computer, allowing monitoring of usage and security procedure compliance.

XyLoc for Enterprise can support any size environment, from small offices to large enterprises with tens of thousands of workstations, protecting a wide range of client-side devices in use today - including traditional Windows®-based workstations, thin clients, and zero-client devices.



XyLoc Zero-Client Configuration

The 'zero-client' approach leverages virtual desktop infrastructure (VDI) to simplify and cost-reduce the user environment. XyLoc works seamlessly here, complementing solutions from Pano Logic, VMware, and other VDI vendors. In this case, the VDI server also delivers the XyLoc client software to the zero-client devices.

Enterprise PC users, especially those equipped with laptops, often unplug from the organization's physical network and travel with their computers – to home offices, remote sites, hotels, and Internet cafes. XyLoc protects these users as well, reverting to XyLoc Solo – with locally cached settings – until the user once again plugs into the XSS-managed environment.

XyLoc Authentication Support handles a variety of scenarios that balance enterprise security requirements with user convenience and productivity.

At its simplest and most convenient, XyLoc provides both walk-up recognition and walk-away security, automatically securing the PC and returning to the user's session with virtually no need for additional user interaction.

In the tightest security environments, XyLoc works seamlessly with two-factor authentication schemes (including biometrics, passive proximity devices, and passwords) to add walk-away security and eliminate the need for burdensome user log-off procedures.

The XyLoc Security Server (XSS) is a web server-based application that centrally manages and monitors XyLoc users and protected workstations throughout the enterprise. XSS allows IT managers to easily implement and administer XyLoc across multiple network segments and user groups. XSS supports Active Directory® (AD) with a Schema Extension, and SQL Server® environments.

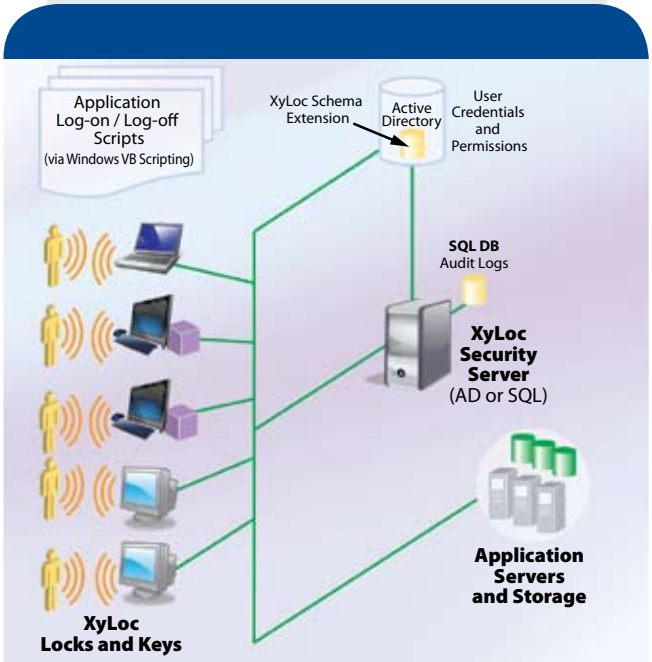
XSS 'Kiosk Account' capability enables fast, secure access to information in a multi-user, shared computer environment – as is often found in the healthcare industry – while keeping a detailed audit log in compliance with HIPAA and other data privacy and security regulations.

Application Integration (AI) is a simplified sign-on module available as an add-on to XSS, providing a tool to write automatic log-on and log-off scripts for Windows-based, web-based, or terminal services applications.

XSS makes the administration, reporting, and management of XyLoc easy and cost effective, regardless of installation size. XSS manages XyLoc's advanced features, including encrypted user audit logs, Application Integration, and multi-user Kiosk Accounts. Each XSS is capable of handling tens of thousands of users and computers, and provides a number of administrative and diagnostic tools to manage users and workstations, and monitor system health.

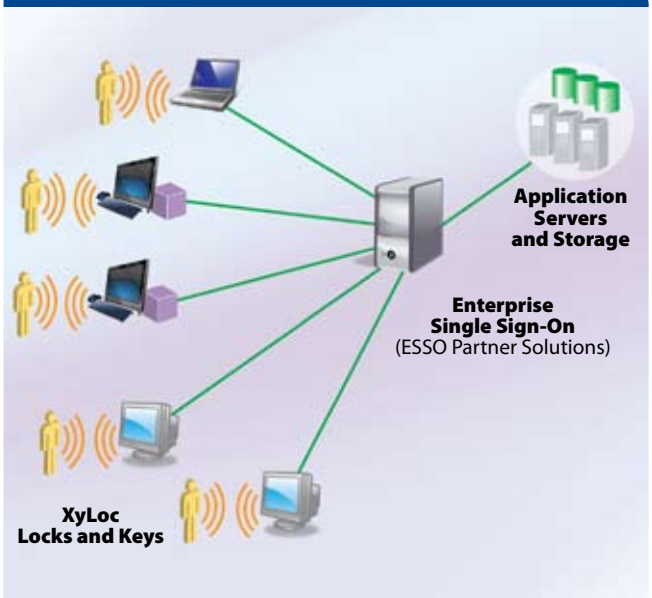
XSS creates detailed audit logs of user activity and the operation of the XSS itself. XSS records how and when users log on, including user walk-away and return activities. No other security solution monitors user activity after the initial log-on.

XSS also carries out a self-audit. All XyLoc administrative changes are recorded, along with event time and the identity of the administrator.



The XyLoc Security Server (XSS)

The XyLoc Security Server (XSS) can be deployed in a wide variety of environments: base configurations with SQL Server alone, with Active Directory support, and with Application Integration for custom log-on and log-off scripts. XSS supports multiple client configurations, including traditional PCs, thin-client, zero-client, and mixed-client scenarios.



Enterprise Single Sign-On (ESSO) Integration

XyLoc integrates with industry-leading partner solutions via Ensure Technologies' optional SDK offerings. These specialized software development kits allow partners to augment their applications with the benefits of XyLoc's walk-away security technology.

XyLoc Partner Solutions

Ensure Technologies works with vendor partners to augment their solutions with XyLoc's security benefits. Key among these are enterprise single sign-on (ESSO) platforms, and electronic medical / health records (EMR and EHR) software solutions. Ensure Technologies ESSO partners include Citrix, Evidian, IBM, Imprivata, Passlogix, and Sentillion. EMR/EHR solution partners include Cerner, Epic, and Meditech. XyLoc also supports biometric authentication solutions from Ensure Technologies partners AuthenTec, Digital Persona, and UPEK.

Cross-Industry Applications

XyLoc's inherent flexibility makes it well suited to a variety of industries and their unique workstation security environments. With a strong foundation in the healthcare industry, XyLoc also serves organizations in financial services, government, manufacturing and process control, and 'critical infrastructure' environments such as computer networks in utility companies.

Professional Services and Support

Ensure Technologies backs its XyLoc hardware and software with a suite of support options, including annual maintenance programs and remote or on-site services for system installation, configuration and optimization, training, customized systems integration, and related technical services.

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XYLOC®

Product Specifications

XyLoc Client Requirements

Microsoft® Windows®, XP, XPe, Windows Vista®, or Windows 7

CD-ROM drive or a network connection to a server running XSS

Available USB Port

30 MB available hard disk space

XyLoc Security Server Requirements

Intel® Celeron® 1 GHz, 256 MB of memory and 2 GB of disk space with a static IP address

Microsoft Windows Server® 2003 or Windows Server 2008

Microsoft SQL Server® 2005 or 2008

Microsoft Internet Information Services (IIS) 6.0 or higher

XyLoc Wireless Technology

XyLoc's standard Lock and Key technology is based on 300, 800 or 900 MHz radio frequency bands, depending on the country of installation.